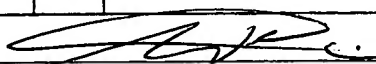




FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT		Atty. Docket		Application No.			
		KAW 104		10/682,518			
		Applicant Yukio SHAKUDA et al.					
		Filing Date October 10, 2003		Group 2871			
U.S. PATENT DOCUMENTS							
Examiner Initial		Document Number	Date	Name	Class	Sub-Class	Filing Date
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Sub-Class	Translation
WEL	AI	2001-185756	07/06/2001	JAPAN			Abstract
↓	AJ	55-91890	07/11/1980	JAPAN			Abstract
	AK	02-146779	06/05/1990	JAPAN			Abstract
	AL						
	AM						
	AN						
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	AO						
Examiner				Date Considered 8/4/05			
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.							

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT		Atty Docket KAW 104	Application No. To Be Assigned				
		Applicant Yukio SHAKUDA, Yukio MATSUMOTO and Nobuaki OGURO					
		Filing Date October 10, 2003	Group Unit To Be Assigned				
U.S. PATENT DOCUMENTS							
Examiner Initial		Document Number	Date	Name	Class	Sub-Class	Filing Date
	AA						
	AB						
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FOREIGN PATENT DOCUMENTS							
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	AK						
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486	AM	Gardner et al., 14x efficiency improvement in transparent-substrate (Al_xGa_{1-x})_{0.5}In_{0.5}P light-emitting diodes with thin ($\leq 2000\text{\AA}$) active regions; April 12, 1999; Applied Physics Letters; Volume 74 No. 15; p2230-2232					
	AN						
	AO						
	AP						
Examiner 				Date Considered 8/4/05			
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.							